

# The Canadian Horticulturist

Vol. XXXIV

FEBRUARY, 1911

No. 2

## Large Profits from Spraying Old Orchards

**D**URING the past season some of the finest apples ever produced in Ontario, were grown in the district about Burlington. An editor of The Canadian Horticulturist who visited this section recently, found that the growers have awakened to the fact that it pays to take care of their apple orchards. A great interest has been taken in spraying. The growers have learned how and when to spray, and the proper materials to use. The results these growers have obtained have been a great incentive to others, and each year many new growers are following their example.

Messrs. Porter Bros. of Appleby, decided last spring to take care of their orchard in an approved manner. They had been spraying for some years with Bordeaux, but in an indifferent way and their results were anything but satisfactory. Their crop of apples for several years had been very poor, and it was with difficulty that they could find a purchaser at any price. Last spring they started at their orchard early. They pruned and scraped their trees. They plowed early, and applied about half of a ton per acre of commercial fertilizer. They discarded their old hand pump and purchased a gasoline power sprayer. They used commercial Lime-Sulphur, diluted at one to eleven for the dormant spray, and commercial Lime-Sulphur, diluted at one to thirty-five, with Arsenate of Lead added, for their summer sprays. Messrs. Porter sprayed very thoroughly. They had gone to considerable expense purchasing fertilizer and

power outfit, and they concluded that if the job was worth doing at all it was worth doing right. They applied their spray at the proper time, and never stinted the quantity. The results were very gratifying to them. They produced the largest and best crop they had ever grown. Their varieties consisted of Spys,

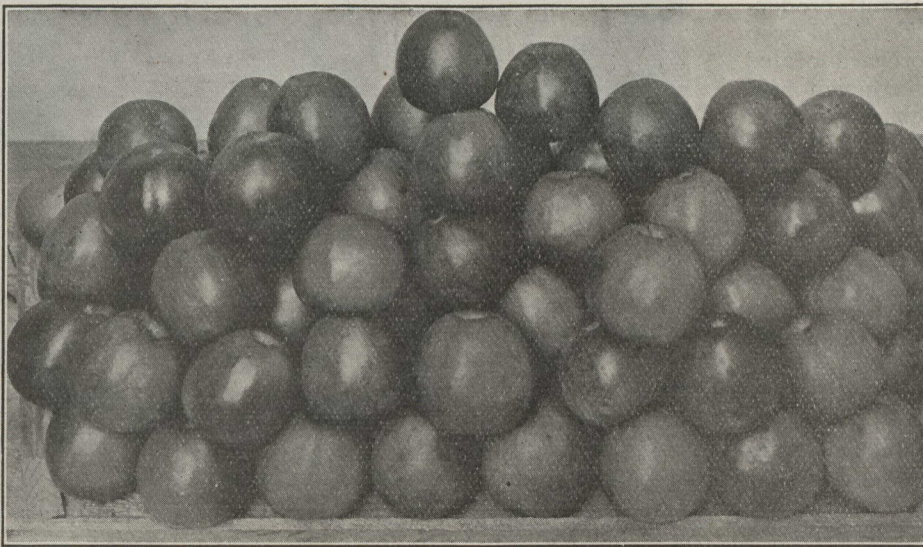
trees. They were besieged with apple buyers and succeeded in disposing of their crop at a price double the best they had ever received before. Messrs. Porter claim that as an investment, this spraying proved the best they ever made.

In the orchard of Long Bros, situated one mile east of Burlington on the bank of Lake Ontario, probably even better results were obtained. This orchard had never been sprayed. It had the reputation of growing the worst spotted apples of any orchard in the district. When other orchards near it would grow reasonably fair fruit, the apples in this orchard were always spotted. This was accounted for by some because of its close proximity to the lake. Last year Long Bros. decided to spray. As they had had no experience themselves, nor any

equipment to do the work, they engaged a man with a power outfit, who had been successful himself. This orchard was sprayed very thoroughly, twice with Lime-Sulphur and Arsenate of Lead.

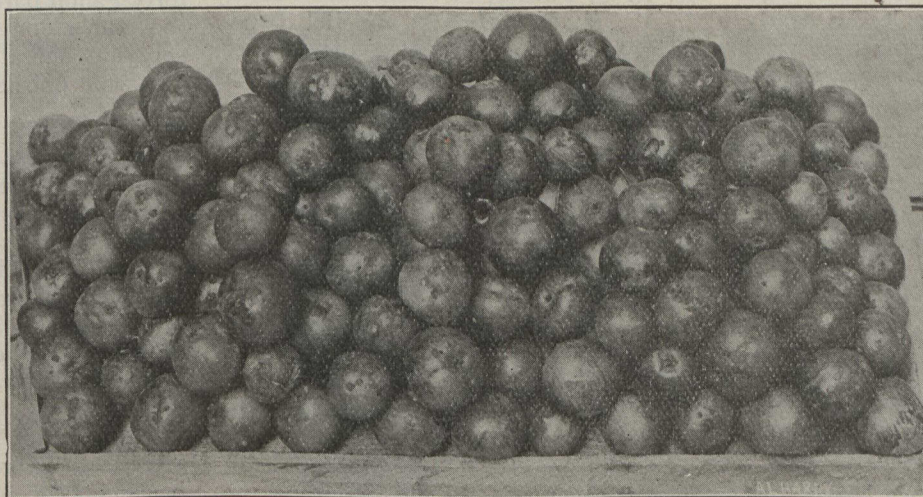
Probably no orchard ever received in two applications a greater drenching. It had nearly all the diseases that apple orchards were affected with, namely, San Jose Scale, Oyster Shell Bark Louse, Bud Moth, Codling Moth and Apple Scab, so great care was taken in the spraying. It was the intention to make an object lesson of this orchard, as some growers in that district thought it impossible to make good fruit grow there.

The total cost to Messrs. Long Bros. for Lime-Sulphur, Arsenate of Lead and labor, was \$95.88. The results obtained



Northern Spy Apples taken from lower limbs in Ray Clark's orchard, Woodville, N. S., having been carefully sprayed with Niagara Lime-Sulphur

Greenings, Baldwins, Seeks, Russetts, Snows and Ribston Pippins, principally. Apple Scab was entirely controlled, and Codling Moth to over eighty per cent. Their Snow apples had never been fit to



Apples taken from the tops of the same trees, being too high to reach with the spray

pick before, and this year they were really a sight to behold. Not one spotted or blemished apple could be found on the